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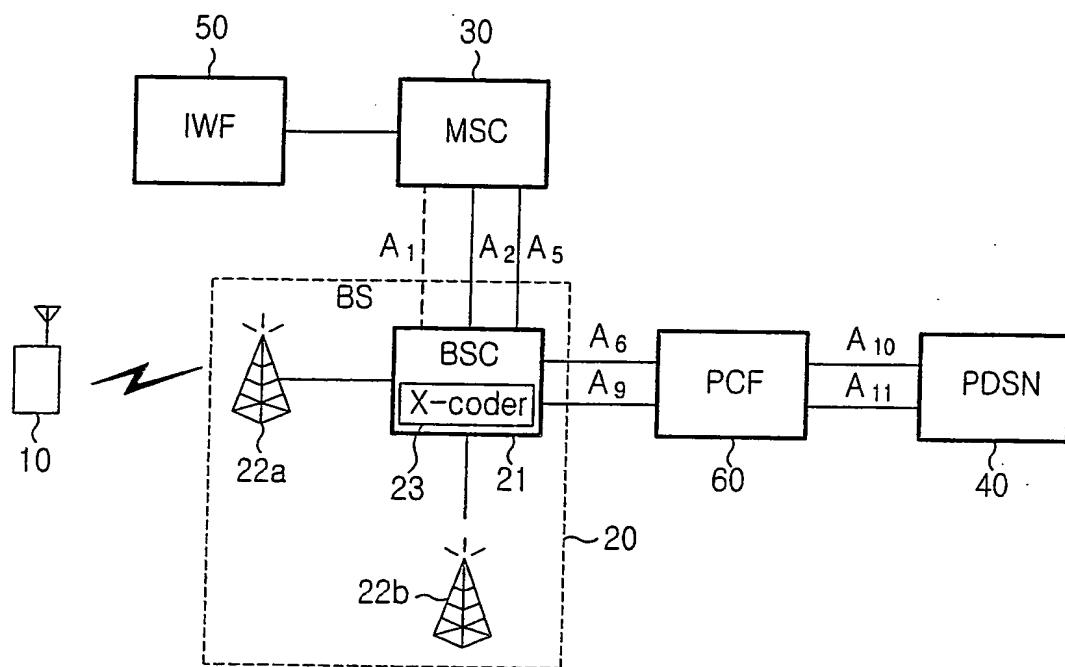


FIG.1

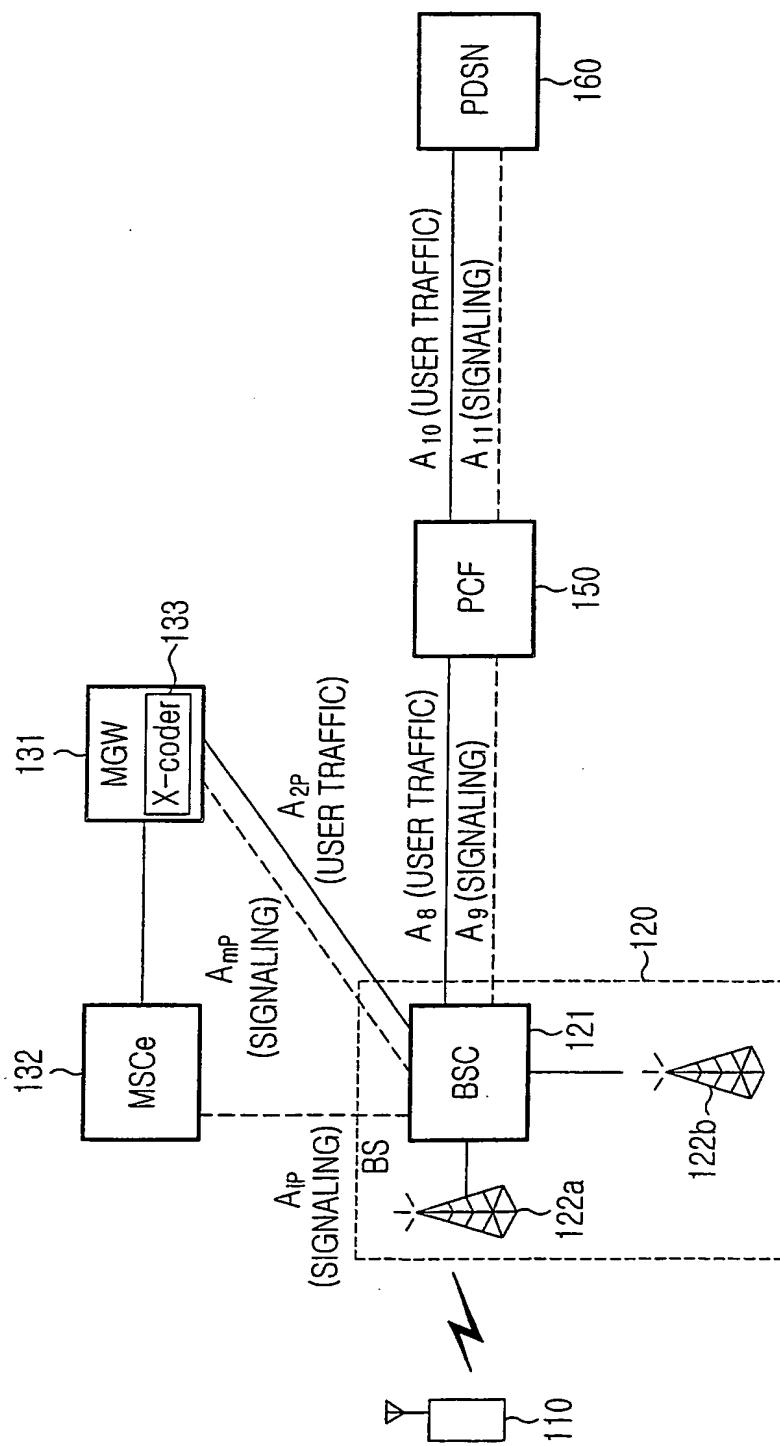


FIG. 2

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IOS A1p	IOS A1p	EVRC/SMV	EVRC/SMV	IOS Amp	IOS Amp
SUA	SCCP	FP	FP		
SCTP	M3UA	RTP*	GRE*	SCTP	TCP/UDP
	SCTP	UDP			
IP	IP	IP	IP	IP	IP
L2	L2	L2	L2	L2	L2
L1	L1	L1	L1	L1	L1
Case1	Case2	Case1	Case2	Case1	Case2
A1p interface		A2p interface		Amp interface	

FIG.3

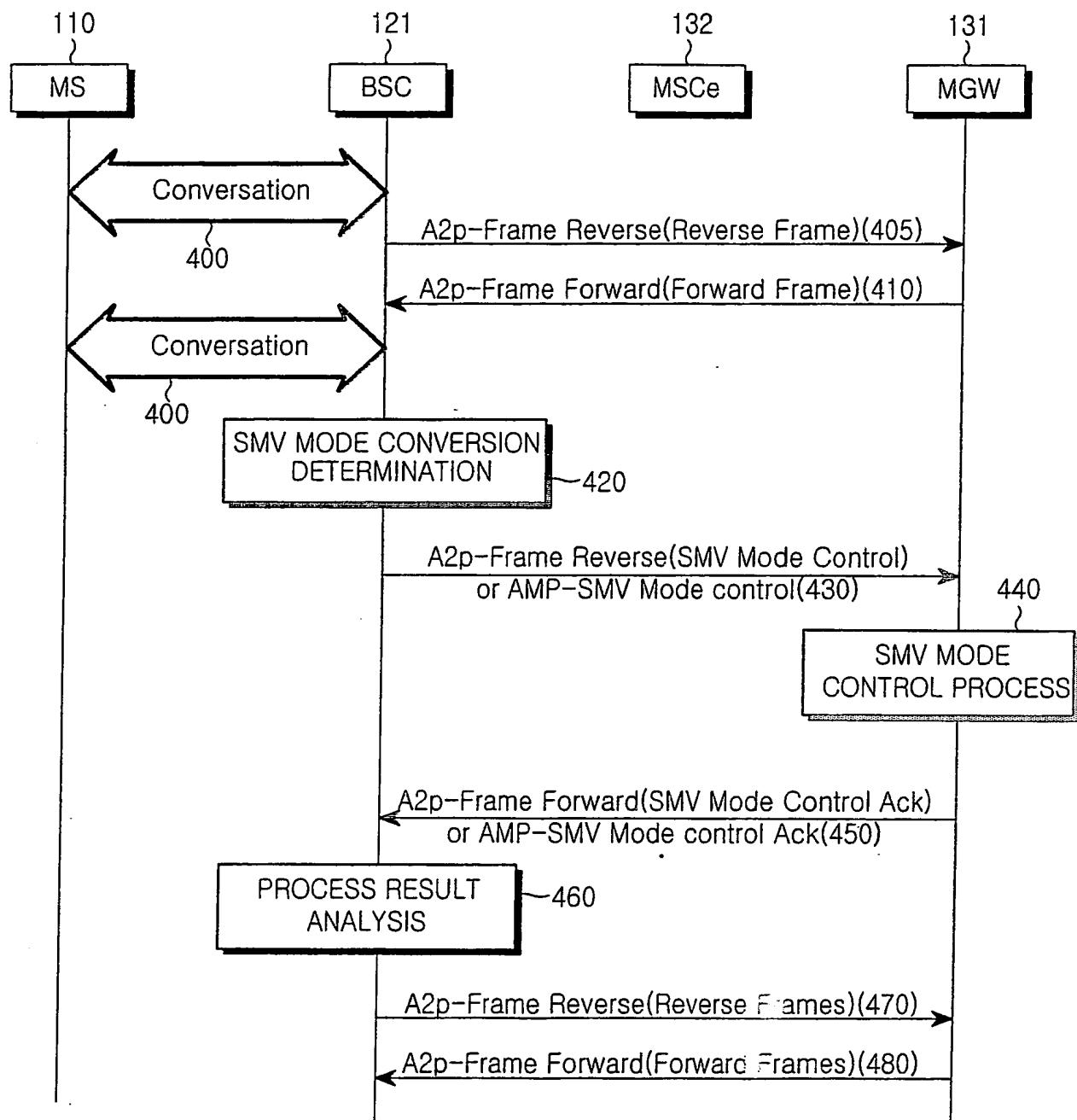


FIG.4A

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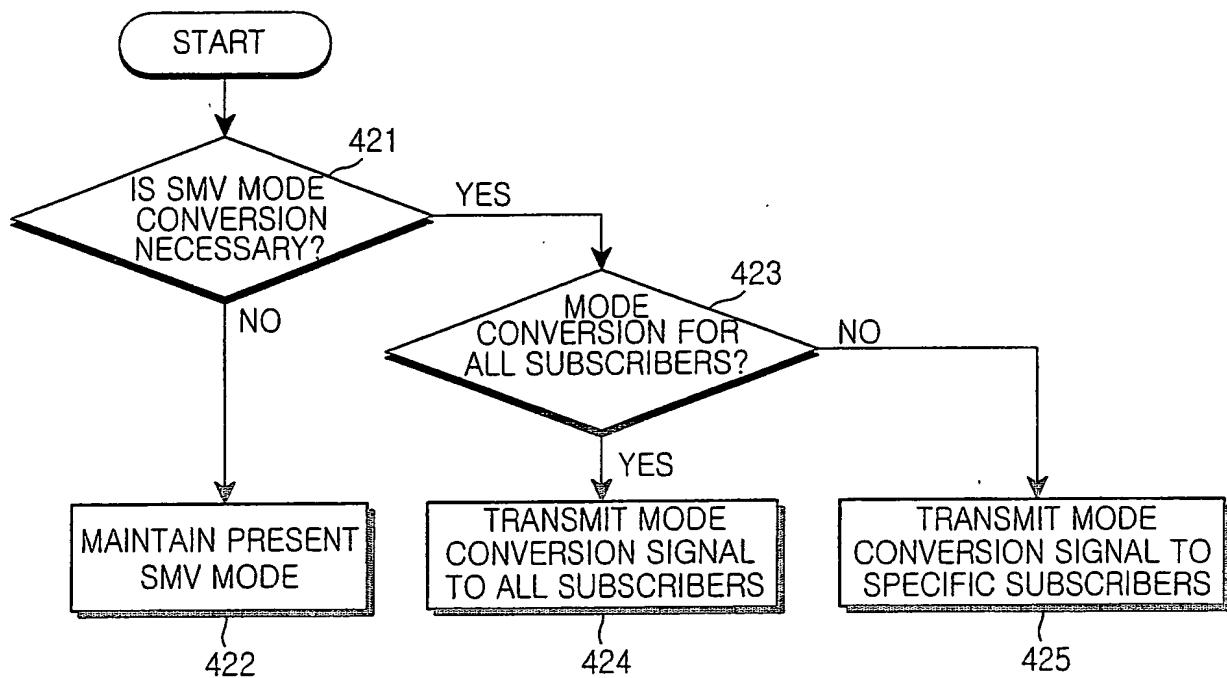


FIG.4B

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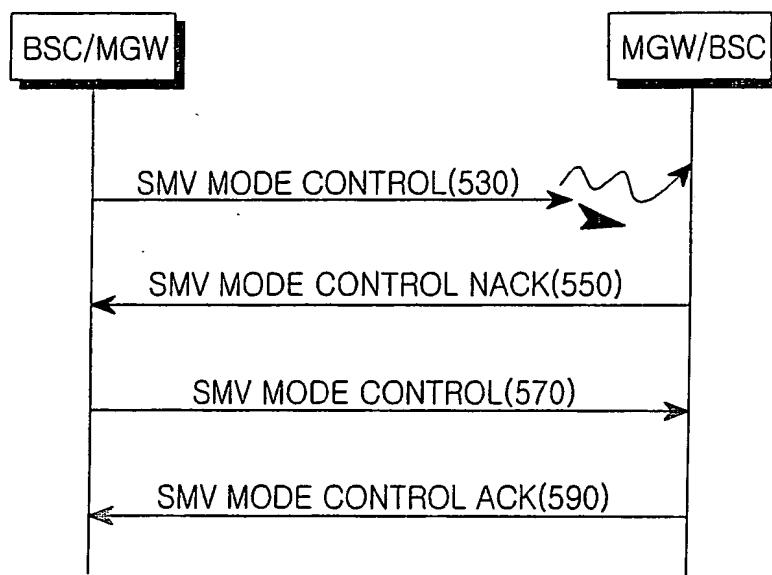


FIG.5

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Information Element	Element Direction	Type
Message Type	BSC → MGW	M
Frame Protocol Control Procedure	BSC → MGW	O
Time Synchronization Information	BSC → MGW	O
Reverse Layer 3 Data	BSC → MGW	O
Message CRC	BSC → MGW	M

FIG.6

Information Element	Element Direction	Type
Message Type	BSC -> MGW	M
Frame Protocol Control Procedure	BSC -> MGW	O
Mode Control Information	BSC -> MGW	O
Cause	BSC -> MGW	O
Forward Layer 3 Data	BSC -> MGW	O
Message CRC	BSC -> MGW	M

FIG.7

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7	6	5	4	3	2	1	0	Octet
Frame_Protocol_Number	FP_Mode	Nack	Ack	Frame_Protocol_Control_Procedure	1			

FIG. 8

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Octet							
7	6	5	4	3	2	1	0
Vocoder Rate Change Indicator		MTM	INIT_CODEC	Reserved			1
		Action Time		Reserved			2

FIG. 9

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7	6	5	4	3	2	1	0	Octet
Codec_Indicator				Data In duction				FSN
Required Reduced Frame Number	Rate Reduction Required	BB Indicator		Rate Reduction Time Interval				1
Scaling				Packet Arrival Time Error				2
				Frame Content				3
				Reverse Link Information + Layer 3 fill				4
				Length				Variable
				Signaling Message/Secondary Traffic				Variable

FIG. 10

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Octet							
7	6	5	4	3	2	1	0
Codec_Indicator			Rate_Reduction_ACK		FSN		1
Scaling				Packet Arrival Time Error			3
				Frame Content			5
				Forward Link Information + Layer 3 fill			Variable

FIG. 11

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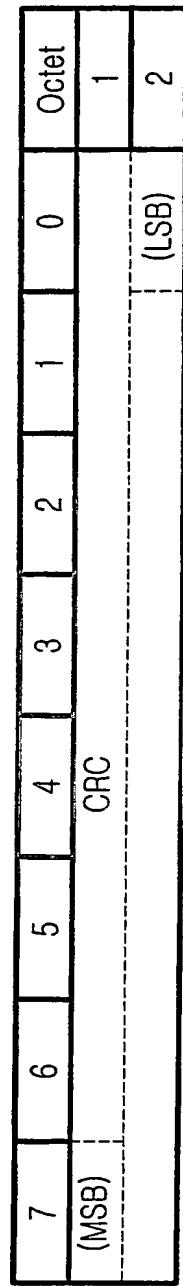


FIG. 12

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	7	6	5	4	3	2	1	0	Octet
A2p Element Identifier									1
Length									2
Cause Value									3
0/1									

FIG. 13

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Information Element	Element Direction	Type	
Message Type(Amp)	BSC< -> MGW	M	
Call Connection Reference	BSC< -> MGW	O	R
Mobile Identity(IMSI)	BSC< -> MGW	O	R
Mobile Identity(ESN)	BSC< -> MGW	O	C
A2p Bearer ID	BSC< -> MGW	O	C
Rate Reduction Information	BSC< -> MGW	O	R

FIG.14

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Information Element	Element Direction	Type
Message Type(Amp)	MGW → BSC	M
Call Connection Reference	MGW → BSC	O R
Mobile Identity( IMSI )	MGW → BSC	O R
Mobile Identity( ESN )	MGW → BSC	O C
A2p Bearer ID	MGW → BSC	O C
Rate Control Information	MGW → BSC	O R
Cause	MGW → BSC	O R

FIG.15